

M Table CT7. Transportation Sector Energy Consumption Estimates, Selected Years, 1960-2016, Montana

Year	Coal	Natural Gas ^a	Petroleum							Retail Electricity Sales	Net Energy ^{e,f}	Electrical System Energy Losses ^g	Total ^{e,f}	
			Aviation Gasoline	Distillate Fuel Oil	HGL ^b	Jet Fuel ^c	Lubricants	Motor Gasoline ^d	Residual Fuel Oil					
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels							Million Kilowatthours				
1960	1	(s)	1,006	2,839	29	265	137	5,972	377	10,624	0	--	--	
1965	(s)	(s)	312	2,676	13	384	148	6,678	325	10,536	0	--	--	
1970	(s)	1	43	3,020	36	649	154	8,407	119	12,428	0	--	--	
1975	(s)	2	79	3,835	50	818	162	9,682	160	14,786	0	--	--	
1980	0	3	159	4,759	45	920	196	9,705	0	15,786	0	--	--	
1985	0	2	91	4,132	51	678	179	9,439	(s)	14,569	0	--	--	
1990	0	2	111	3,993	67	708	201	9,630	0	14,709	0	--	--	
1995	0	4	78	5,390	28	1,052	192	10,669	0	17,409	0	--	--	
1996	0	3	99	4,886	16	999	186	11,070	0	17,256	0	--	--	
1997	0	3	71	5,718	8	793	197	10,782	0	17,569	0	--	--	
1998	0	4	102	5,350	62	798	206	11,145	0	17,664	0	--	--	
1999	0	6	121	5,536	12	836	208	11,334	0	18,047	0	--	--	
2000	0	8	134	5,812	11	747	205	11,139	0	18,047	0	--	--	
2001	0	8	109	6,200	20	756	188	11,079	0	18,353	0	--	--	
2002	0	8	115	6,018	11	768	185	11,290	0	18,388	0	--	--	
2003	0	8	101	5,050	13	832	171	11,246	0	17,413	0	--	--	
2004	0	8	42	6,237	26	1,008	174	11,295	0	18,782	0	--	--	
2005	0	8	47	7,597	22	1,112	173	11,117	0	20,069	0	--	--	
2006	0	8	87	8,122	18	1,045	168	11,251	30	20,722	0	--	--	
2007	0	8	69	9,013	12	1,026	174	11,563	0	21,858	0	--	--	
2008	0	7	90	8,055	35	832	161	11,250	0	20,424	0	--	--	
2009	0	5	75	7,454	10	792	145	11,471	0	19,946	0	--	--	
2010	0	7	47	7,475	13	928	R 129	11,596	0	R 20,189	0	--	--	
2011	0	7	44	7,931	12	919	R 127	11,424	0	R 20,457	0	--	--	
2012	0	7	41	7,247	11	936	R 115	11,598	0	R 19,947	0	--	--	
2013	0	7	37	7,754	6	875	R 123	11,839	0	R 20,634	0	--	--	
2014	0	4	55	7,209	3	974	R 122	11,981	0	R 20,344	0	--	--	
2015	0	4	41	6,666	4	953	R 129	12,276	0	R 20,069	0	--	--	
2016	0	5	66	7,068	4	952	124	12,488	0	20,702	0	--	--	
Trillion Btu														
1960	(s)	0.5	5.1	16.5	0.1	1.4	0.8	31.4	2.4	57.7	0.0	58.2	0.0	58.2
1965	(s)	0.4	1.6	15.6	0.1	2.1	0.9	35.1	2.0	57.3	0.0	57.8	0.0	57.8
1970	(s)	0.7	0.2	17.6	0.1	3.6	0.9	44.2	0.7	67.4	0.0	68.1	0.0	68.1
1975	(s)	1.8	0.4	22.3	0.2	4.6	1.0	50.9	1.0	80.4	0.0	82.2	0.0	82.2
1980	0.0	2.9	0.8	27.7	0.2	5.2	1.2	51.0	0.0	86.0	0.0	88.9	0.0	88.9
1985	0.0	2.2	0.5	24.1	0.2	3.8	1.1	49.6	(s)	79.2	0.0	81.5	0.0	81.5
1990	0.0	2.1	0.6	23.3	0.3	4.0	1.2	50.6	0.0	79.8	0.0	82.0	0.0	82.0
1995	0.0	4.1	0.4	31.4	0.1	5.9	1.2	55.7	0.0	94.6	0.0	98.6	0.0	98.6
1996	0.0	3.5	0.5	28.4	0.1	5.7	1.1	57.8	0.0	93.5	0.0	97.1	0.0	97.1
1997	0.0	3.6	0.4	33.3	(s)	4.5	1.2	56.2	0.0	95.6	0.0	99.2	0.0	99.2
1998	0.0	3.9	0.5	31.1	0.2	4.5	1.2	58.1	0.0	95.8	0.0	99.7	0.0	99.7
1999	0.0	6.2	0.6	32.2	(s)	4.7	1.3	59.1	0.0	98.0	0.0	104.1	0.0	104.1
2000	0.0	7.9	0.7	33.8	(s)	4.2	1.2	58.1	0.0	98.1	0.0	106.0	0.0	106.0
2001	0.0	7.7	0.5	36.1	0.1	4.3	1.1	57.8	0.0	99.9	0.0	107.6	0.0	107.6
2002	0.0	7.9	0.6	35.0	(s)	4.4	1.1	58.8	0.0	100.0	0.0	107.9	0.0	107.9
2003	0.0	8.6	0.5	29.4	(s)	4.7	1.0	58.5	0.0	94.2	0.0	102.8	0.0	102.8
2004	0.0	8.5	0.2	36.3	0.1	5.7	1.1	58.7	0.0	102.1	0.0	110.6	0.0	110.6
2005	0.0	8.3	0.2	44.2	0.1	6.3	1.0	57.8	0.0	109.7	0.0	117.9	0.0	117.9
2006	0.0	7.7	0.4	47.1	0.1	5.9	1.0	58.4	0.2	113.2	0.0	120.9	0.0	120.9
2007	0.0	7.9	0.4	52.1	(s)	5.8	1.1	59.6	0.0	119.0	0.0	127.0	0.0	127.0
2008	0.0	7.4	0.5	46.6	0.1	4.7	1.0	57.7	0.0	110.5	0.0	118.0	0.0	118.0
2009	0.0	5.1	0.4	43.1	(s)	4.5	0.9	58.5	0.0	107.4	0.0	112.5	0.0	112.5
2010	0.0	7.5	0.2	43.2	(s)	5.3	R 0.8	58.9	0.0	R 108.4	0.0	R 115.9	0.0	R 115.9
2011	0.0	7.0	0.2	45.8	(s)	5.2	R 0.8	57.9	0.0	R 109.9	0.0	R 116.9	0.0	R 116.9
2012	0.0	7.2	0.2	41.8	(s)	5.3	R 0.7	58.7	0.0	R 106.8	0.0	R 113.9	0.0	R 113.9
2013	0.0	7.0	0.2	44.7	(s)	5.0	R 0.7	59.9	0.0	R 110.6	0.0	R 117.6	0.0	R 117.6
2014	0.0	4.2	0.3	41.6	(s)	5.5	R 0.7	60.6	0.0	R 108.8	0.0	R 113.0	0.0	R 113.0
2015	0.0	R 4.6	0.2	38.5	(s)	5.4	R 0.8	R 62.1	0.0	R 107.0	0.0	R 111.6	0.0	R 111.6
2016	0.0	4.8	0.3	40.8	(s)	5.4	0.8	63.2	0.0	110.4	0.0	115.2	0.0	115.2

^a Transportation use of natural gas is gas consumed in the operation of pipelines, primarily in compressors, and, since 1990, natural gas consumed as vehicle fuel.

^b Hydrocarbon gas liquids, assumed to be propane only.

^c Through 2004, includes kerosene-type and naphtha-type jet fuel. Beginning in 2005, includes kerosene-type jet fuel only; naphtha-type jet fuel is included in "Industrial sector, Other Petroleum."

^d Beginning in 1993, includes fuel ethanol blended into motor gasoline.

^e There is a discontinuity in this time series between 1980 and 1981 due to the expanded coverage of fuel ethanol beginning in 1981.

^f For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column.

^g Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

-- = Not applicable.

Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.

Notes: Totals may not equal sum of components due to independent rounding. • The continuity of these data series estimates may be affected by the changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data are available at <https://www.eia.gov/state/seds/seds-data-complete.php>.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.